Integnational application No.
PCT/JP02/08610

A. CLASS	SIFICATION OF SUBJECT MATTER			
Int.Cl <sup>7</sup> G03C1/73, G02F1/13, G02F1/1333, C09K9/02				
According to International Patent Classification (IPC) or to both national classification and IPC				
	S SEARCHED			
Minimum d	ocumentation searched (classification system followed C1 C03C1/73, G02F1/1333	by classification symbols)		
TIIC.	C1			
The aumantal	demonstration to the		Company of the compan	
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2002				
Kokai Jitsuyo Shinan Koho 1971-2002 Toroku Jitsuyo Shinan Koho 1994-2002				
Electronic d	lata base consulted during the international search (nar	ne of data base and, where practicable, sea	irch terms used)	
<b>10.00</b>	and once comparing arriving	no of data once and, whose practically, and	iicii icimia asco,	
C. DOCU	MENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.	
X	US 5644416 A (Fuji Xerox Co	., Ltd.),	1-4,6,7	
Y	01 July, 1997 (01.07.97), Full text; all drawings		5,8-13	
	& JP 5-216183 A			
X Y	JP 6-148608 A (Fuji Xerox Co	o., Ltd.),	1-4,6,7	
1	27 May, 1994 (27.05.94), Full text; all drawings		5,8-13	
	(Family: none)			
.,	TD 7 161000 T 45			
X Y	JP 7-161039 A (Canon Inc.), 23 June, 1995 (23.06.95),		1-4,6,7	
_	Full text; all drawings		3 .	
	(Family: none)			
		·		
× Furthe	er documents are listed in the continuation of Box C.	See patent family annex.		
* Special categories of cited documents: "T" later document published after the international filing date or				
"A" document defining the general state of the art which is not considered to be of particular relevance		priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
		"X" document of particular relevance; the considered novel or cannot be considered.	claimed invention cannot be	
"L" document which may throw doubts on priority claim(s) or which is		step when the document is taken alone		
special reason (as specified)		"Y" document of particular relevance; the considered to involve an inventive step		
"O" docume means	ent referring to an oral disclosure, use, exhibition or other	combined with one or more other such		
means  combination being obvious to a person skilled in the art document published prior to the international filing date but later "&" document member of the same patent family than the priority date claimed				
	octual completion of the international search	Date of mailing of the international searce	ch report	
	19 November, 2002 (19.11.02) 03 December, 2002 (03.12.02)			
		Authorized officer		
Japanese Patent Office		·		
Facsimile No.		Telephone No.		

Form PCT/ISA/210 (second sheet) (July 1998)

International application No.
PCT/JP02/08610

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim N
X Y	JP 7-36008 A (Fuji Xerox Co., Ltd.), 07 February, 1995 (07.02.95), Full text; all drawings (Family: none)	1-4,6,7 5,8-13
Y	JP 9-77767 A (Tokuyama Corp.), 25 March, 1997 (25.03.97), Full text; all drawings (Family: none)	1-5
X Y	JP 8-146391 A (Dainippon Ink And Chemicals, Inc.), 07 June, 1996 (07.06.96), Full text; all drawings (Family: none)	1,2,6,7 3-5,8-13
X Y	JP 11-30835 A (Fuji Xerox Co., Ltd.), 02 February, 1999 (02.02.99), Full text; all drawings (Family: none)	1,2 3-13
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International application No.
PCT/JP02/08610

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.:  because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.:  because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:  Claim 1 is an invention relating to an optical recording material which comprises a side chain type polymer liquid crystal containing a photochromic compound of electrocyclic reaction type.  Claim 2 is an invention relating to an optical recording material which comprises a side chain type polymer liquid crystal comprising a monomer unit having a photochromic compound of electrocyclic reaction type bonded thereto in the polymer chain thereof.  The use of a side chain type polymer liquid crystal containing a photochromic compound of electrocyclic reaction type as an optical (continued to extra sheet)
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. X As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

International application No.
PCT/JP02/08610

#### Continuation of Box No.II of continuation of first sheet(1)

recording material, which is regarded as a special technical matter in the meaning of PCT Rule 13.2 in the above respective inventions, is a known technical matter as can seen in the second sheet. The above two inventions are, therefore, not a group of inventions which are so linked as to form a single general inventive concept.

Accordingly, the above two inventions do not comply with the requirement of unity of invention.

Form PCT/ISA/210 (extra sheet) (July 1998)